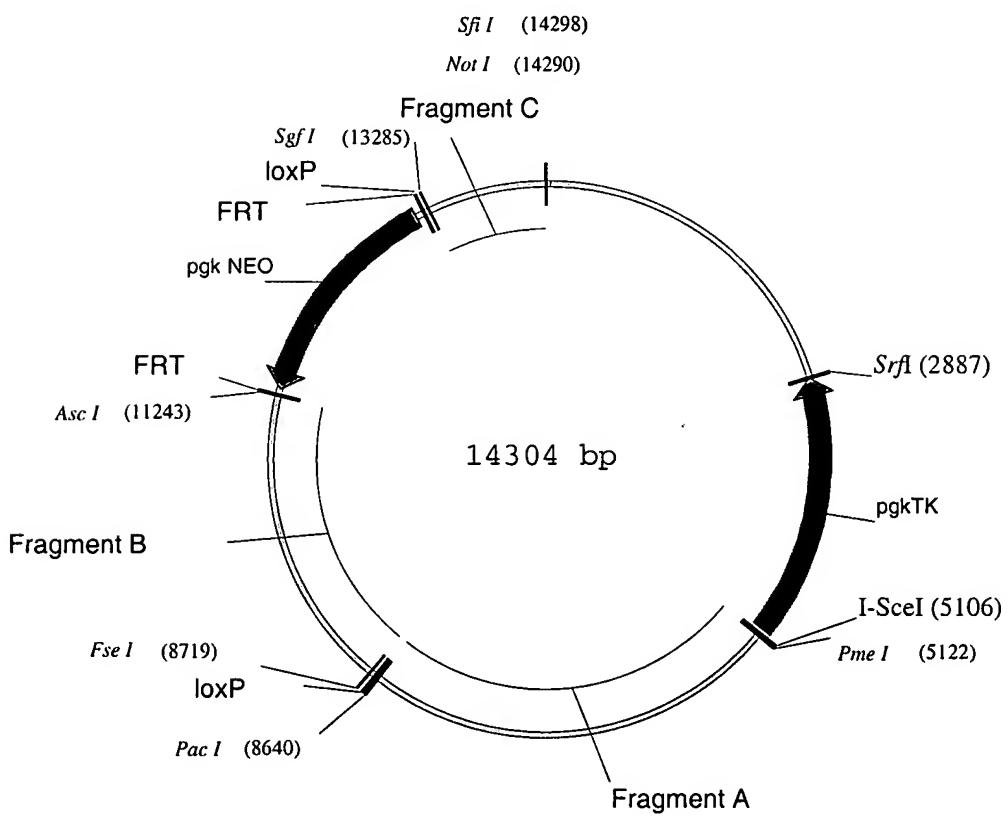


# FIG.1 pEasyfloxFRTGK12 mRRP1

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## FIG.2 mRRP1 gene targeting

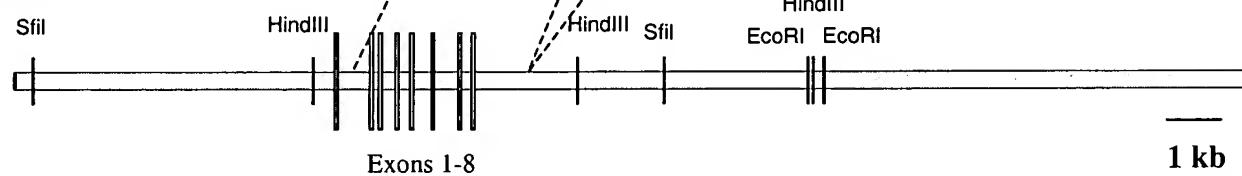
**RRP1 Mouse Targeting Vector**



loxP site

FRT site

**RRP1 Mouse genomic region (WT)**

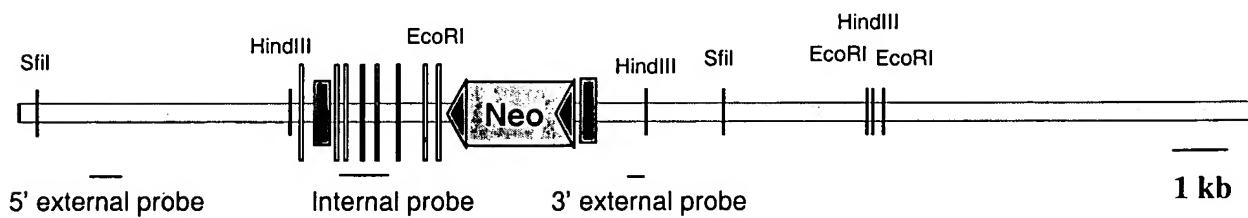


EcoRI/Sfil 10.0 kb (5' external probe)

HindIII 4.3 kb (3' external probe)

HindIII 4.3 kb (internal probe)

**RRP1 target allele (HR)**



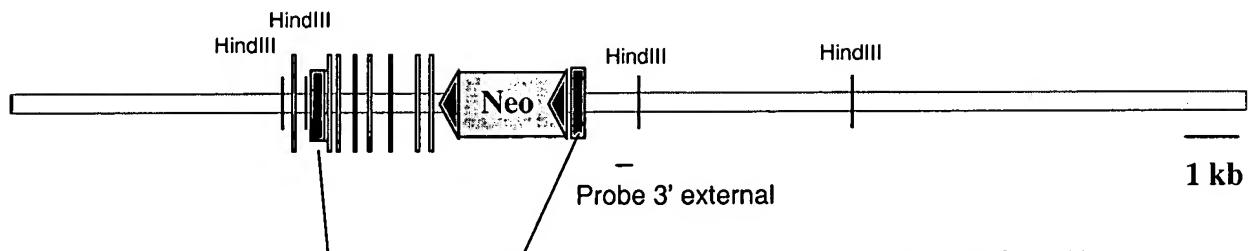
EcoRI/Sfil 7.5 kb (5' external probe)

HindIII 5.8 kb (3' external probe)

HindIII 5.8 kb (internal probe)

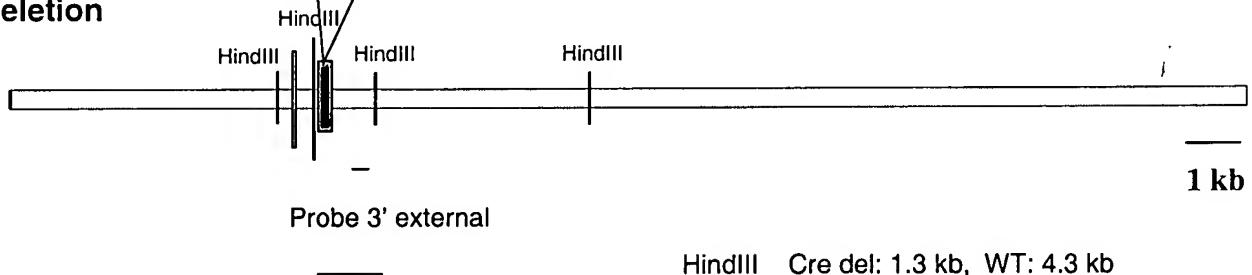
# FIG.3

## RRP1 target allele (HR)



HindIII HR: 5.8 kb, WT: 4.3 kb

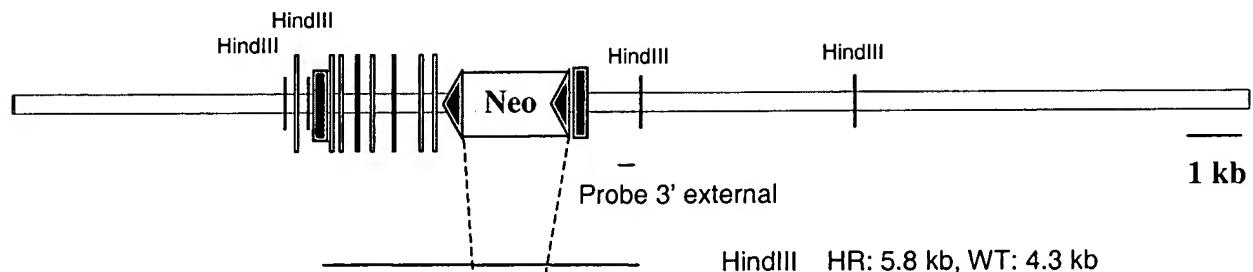
## RRP1 target allele Cre deletion



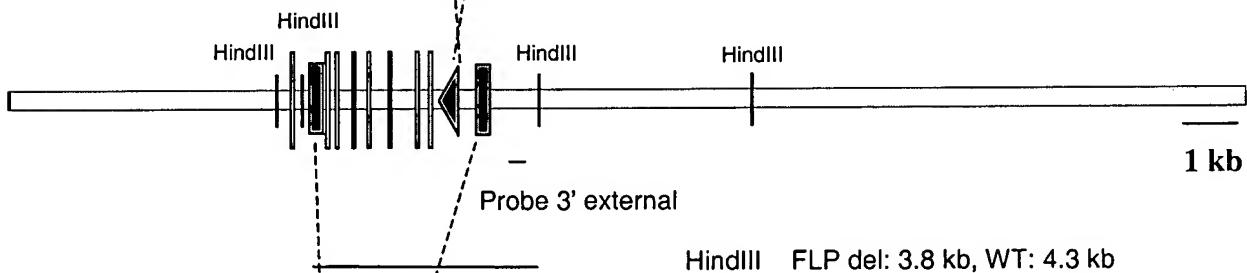
HindIII Cre del: 1.3 kb, WT: 4.3 kb

# FIG.4

## RRP1 target allele (HR)



## RRP1 target allele FLP deletion



## RRP1 target allele Cre deletion

